

Replacement Sheet

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GluR1_{flip}



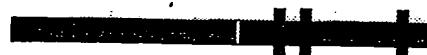
Glutamate, 10 mM



FIGURE 1A

20 pA
100 ms

R1(L497Y)



Glutamate, 10 mM



FIGURE 1B

10 pA
0.1 s

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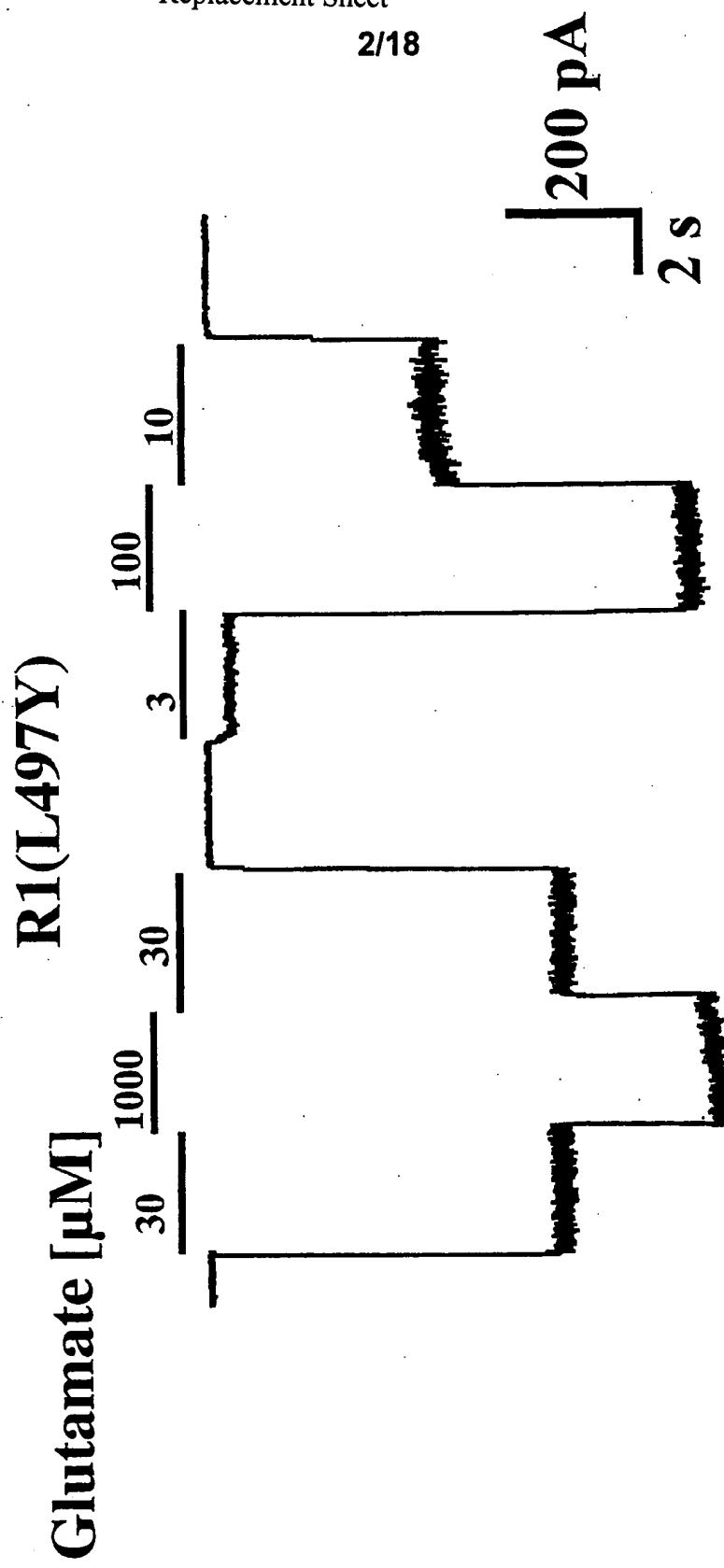


FIGURE 1C



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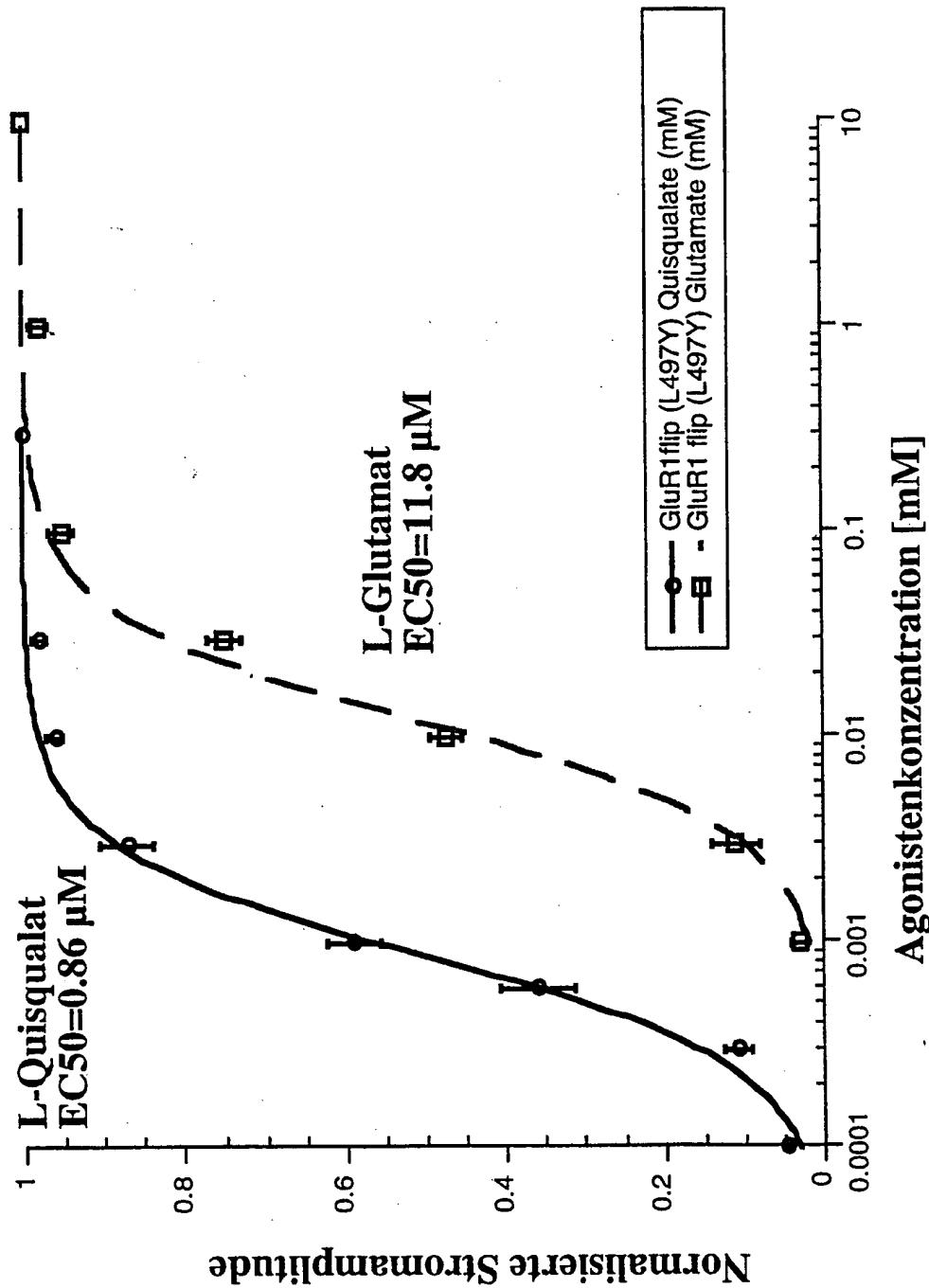


FIGURE 1D

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FIGURE 2A

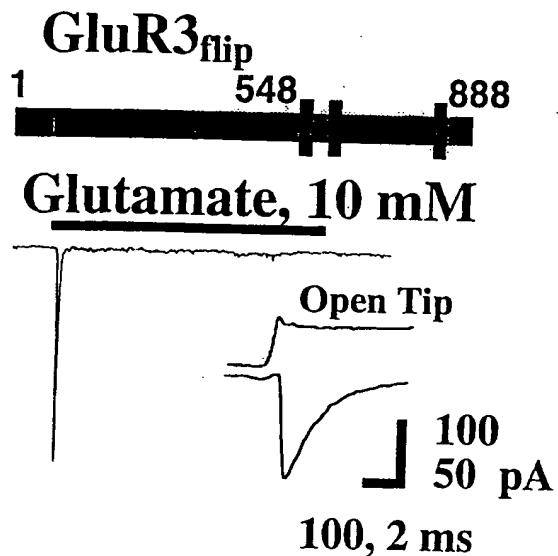
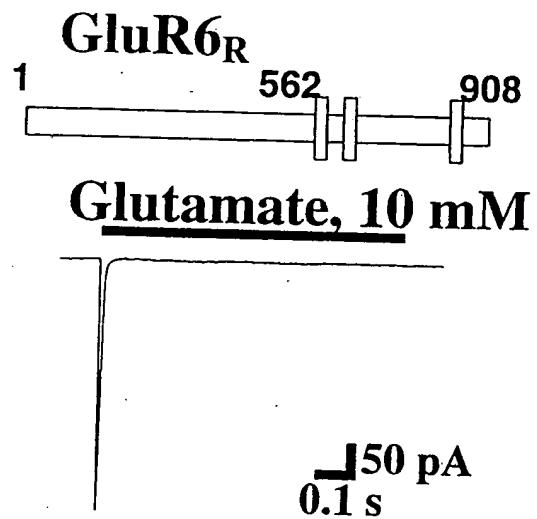


FIGURE 2B



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R6TM1R3

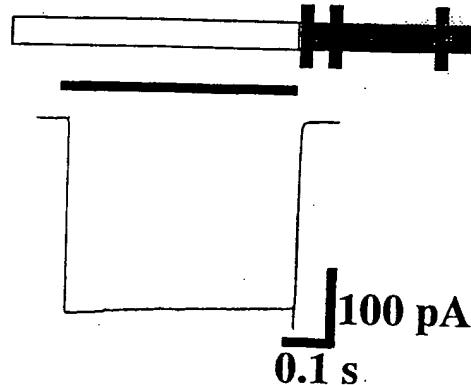


FIGURE 2C

R3(R6S1)

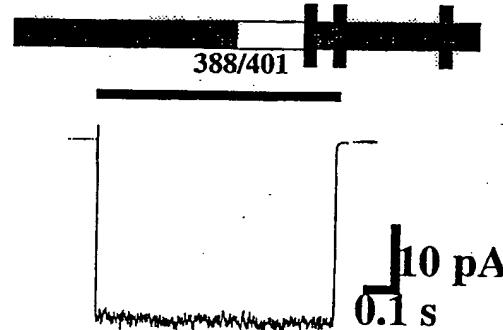


FIGURE 2D



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FIGURE 2E

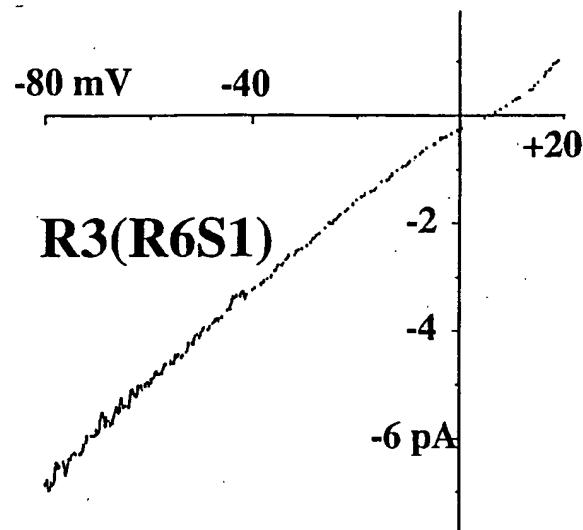
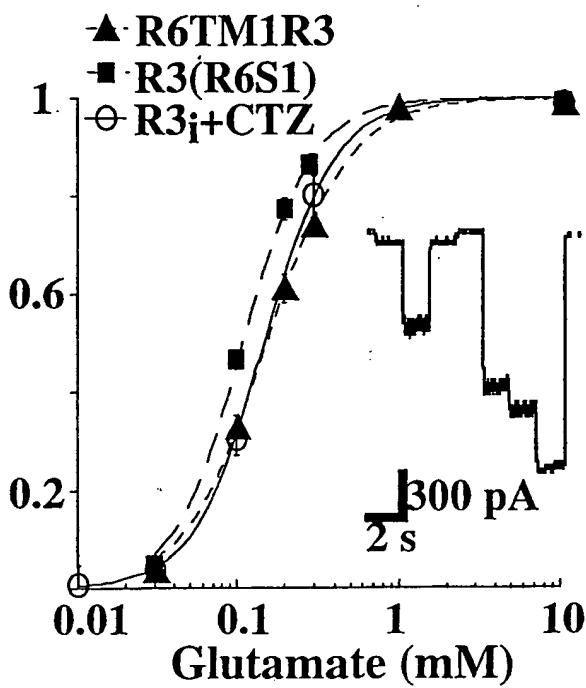


FIGURE 2F





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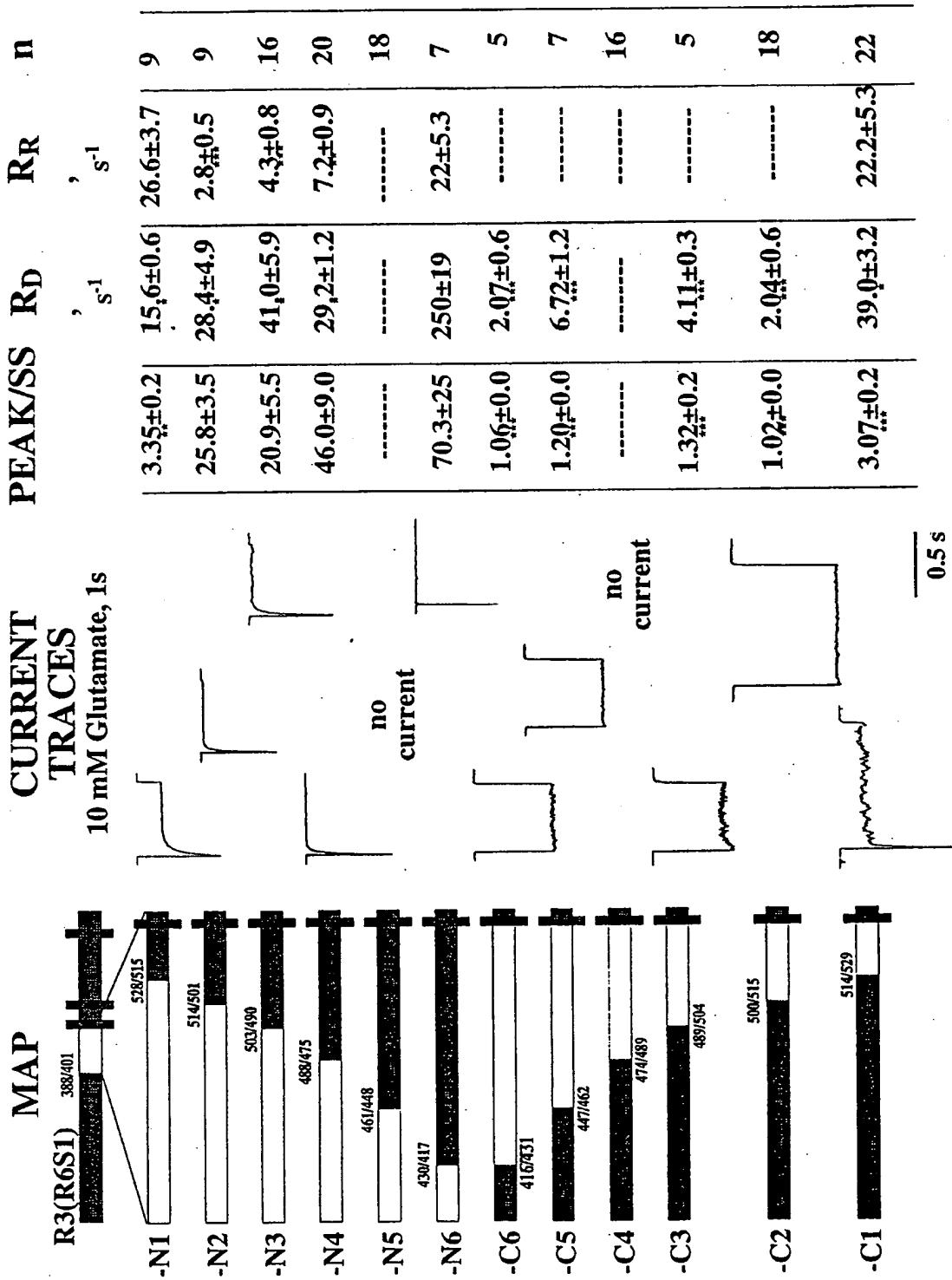


FIGURE 3A

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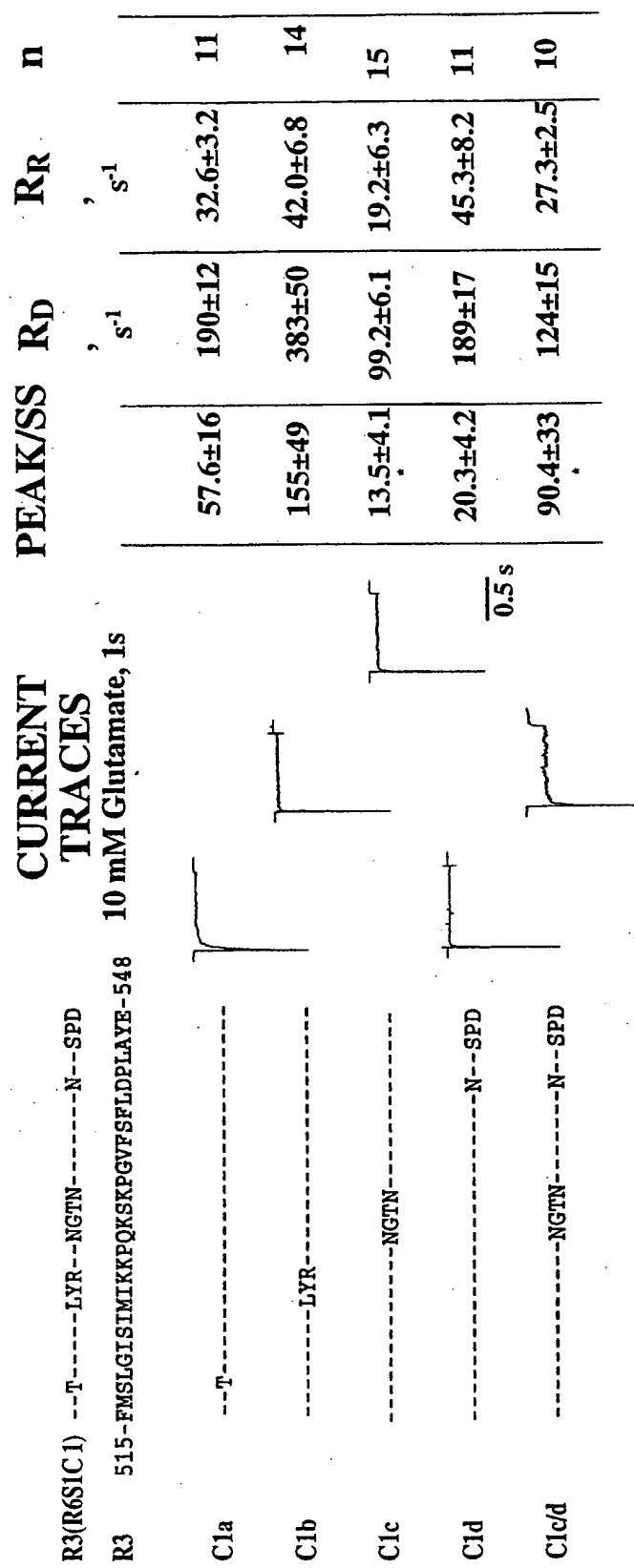


FIGURE 3B

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R3 501-APLTITLVREEVIDE-515

---A---Y---K---

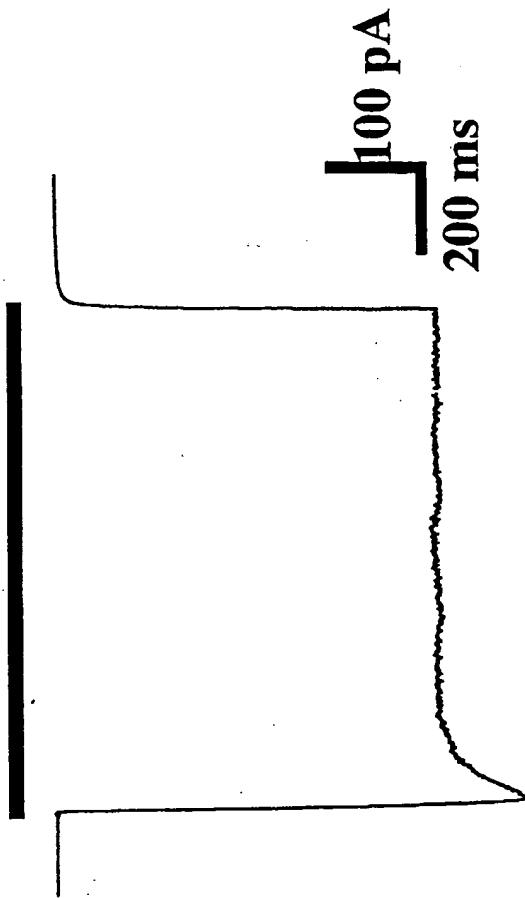


FIGURE 4A

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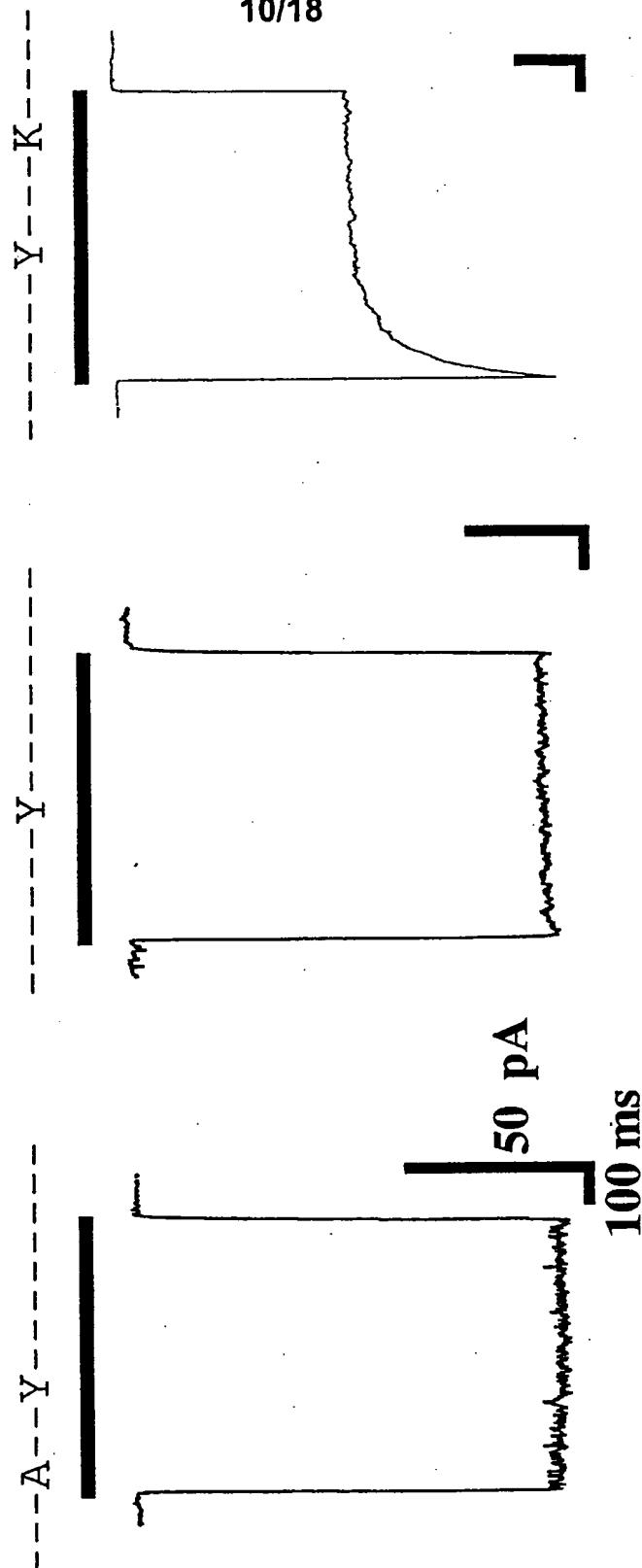


FIGURE 4B



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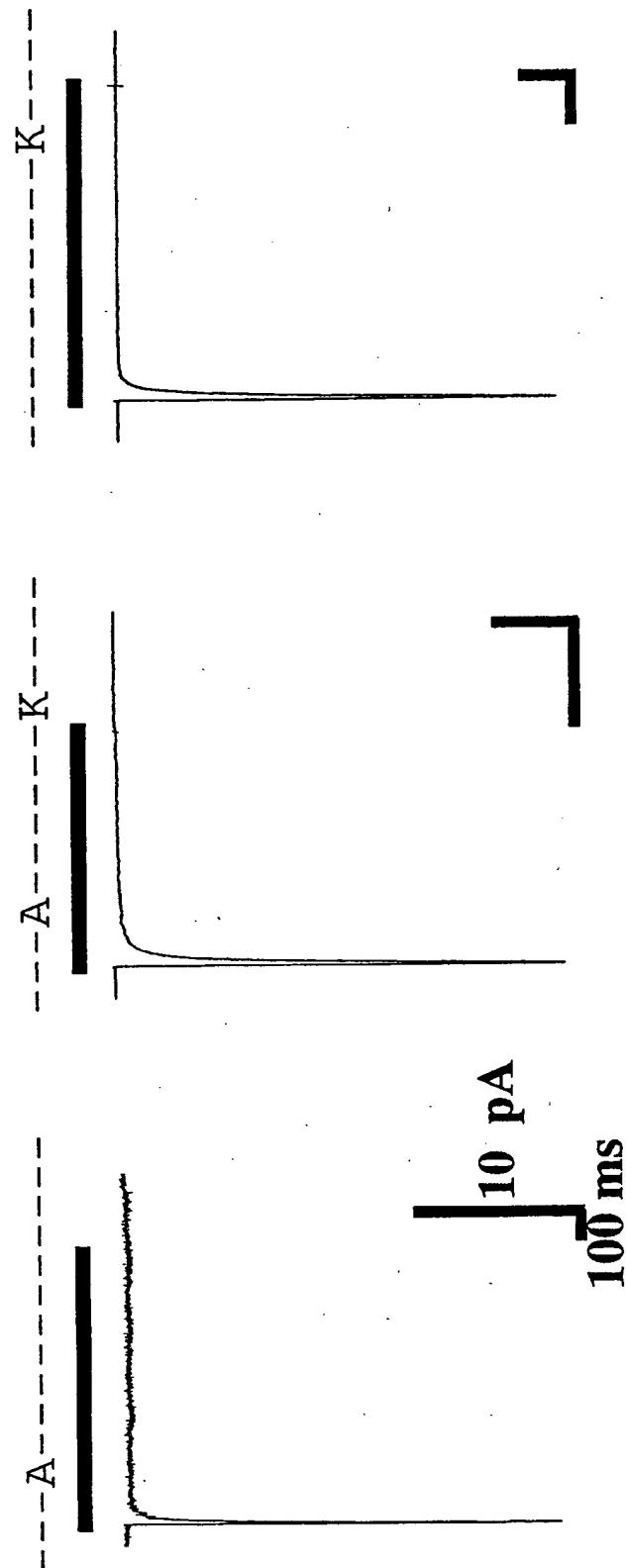
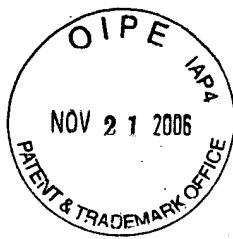


FIGURE 4C

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FIGURE 4D

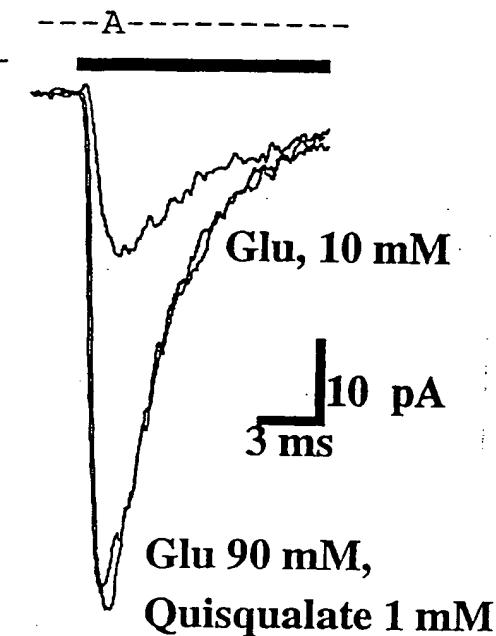
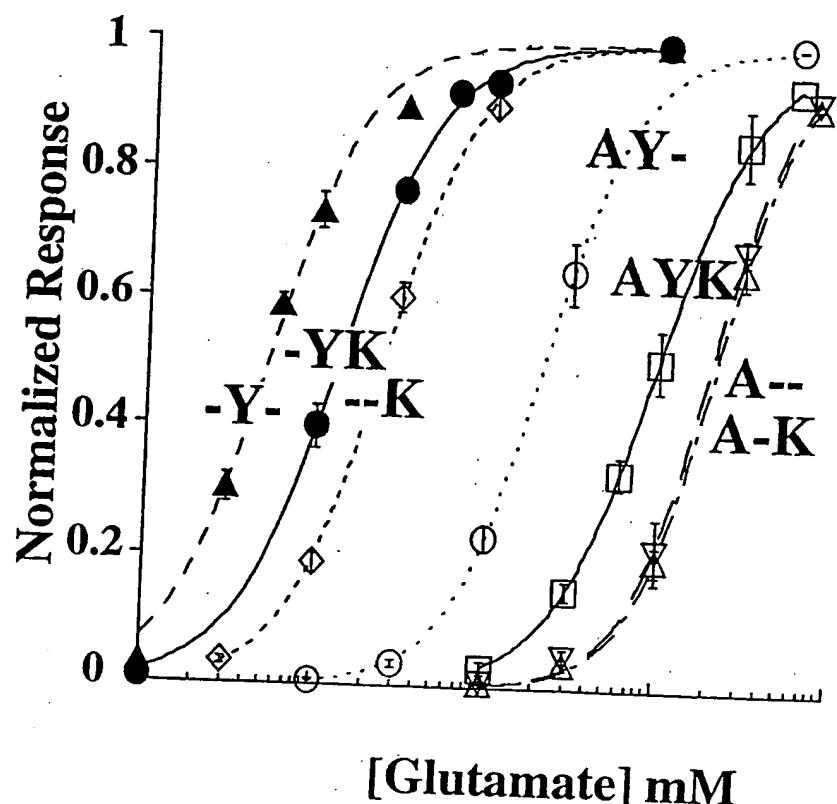


FIGURE 4E





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R1 (L497Y)
Glutamate, 10 mM

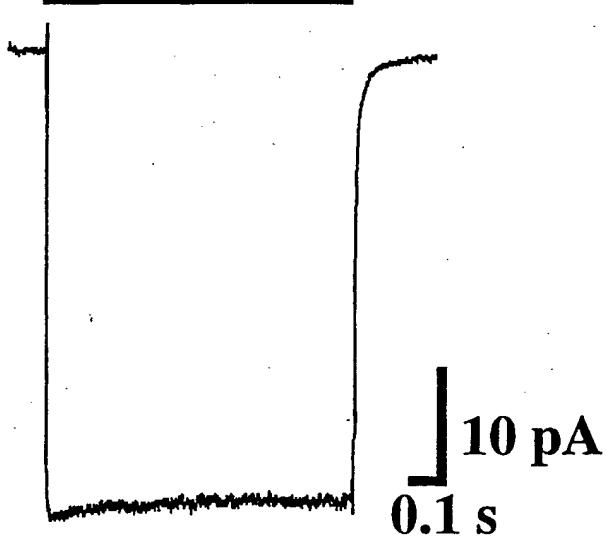


FIGURE 5A

GluR6 (Y521L)
Glutamate, 10 mM

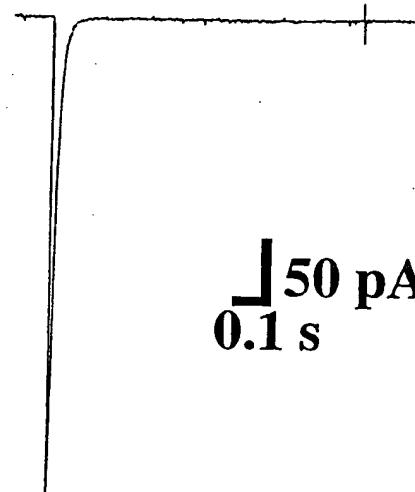


FIGURE 5B



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R6TM1R3 (Y521L)

Glutamate, 10 mM

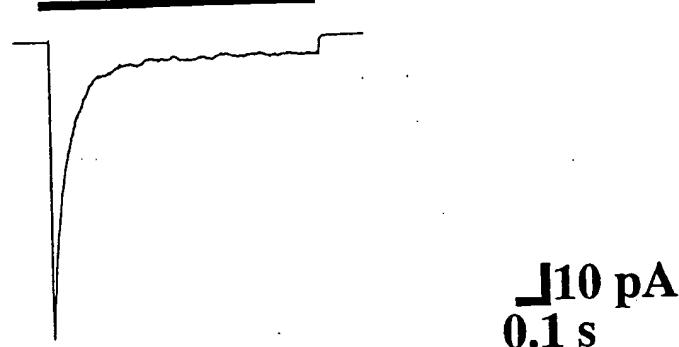


FIGURE 5C

R6TM1R3 (Y521L)

Glu + Cyclothiazide (100 μM)

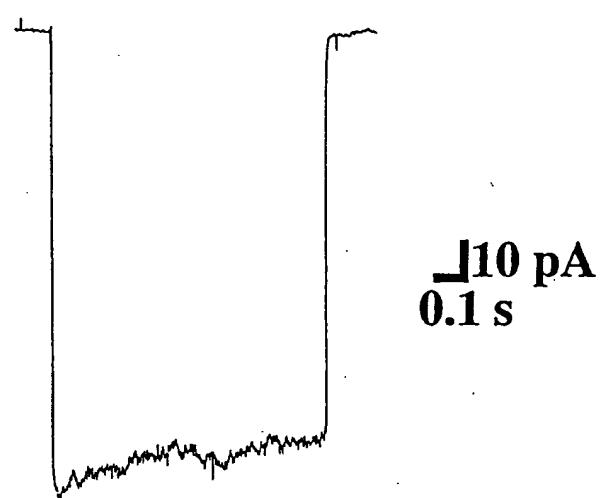


FIGURE 5D

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R3 (L507F)
Glu, 10 mM

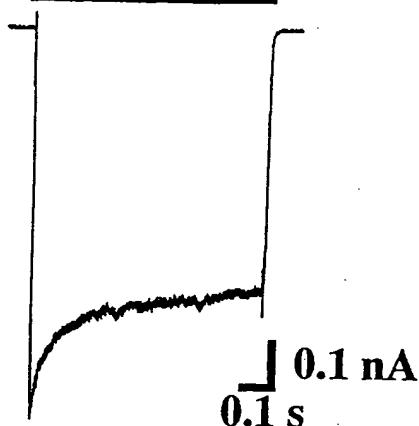


FIGURE 6A

R3 (L507S)
Glu, 10 mM

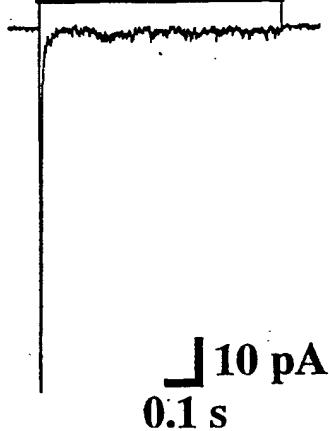


FIGURE 6B

R3 (L507T)
Glu, 10 mM

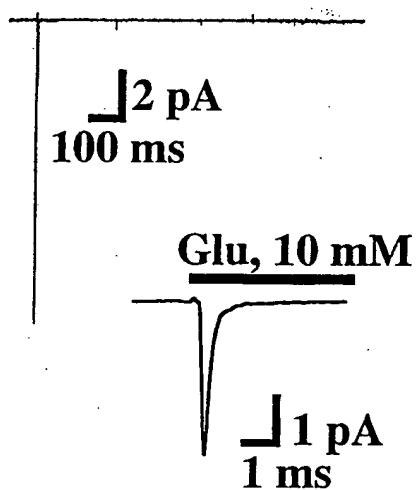
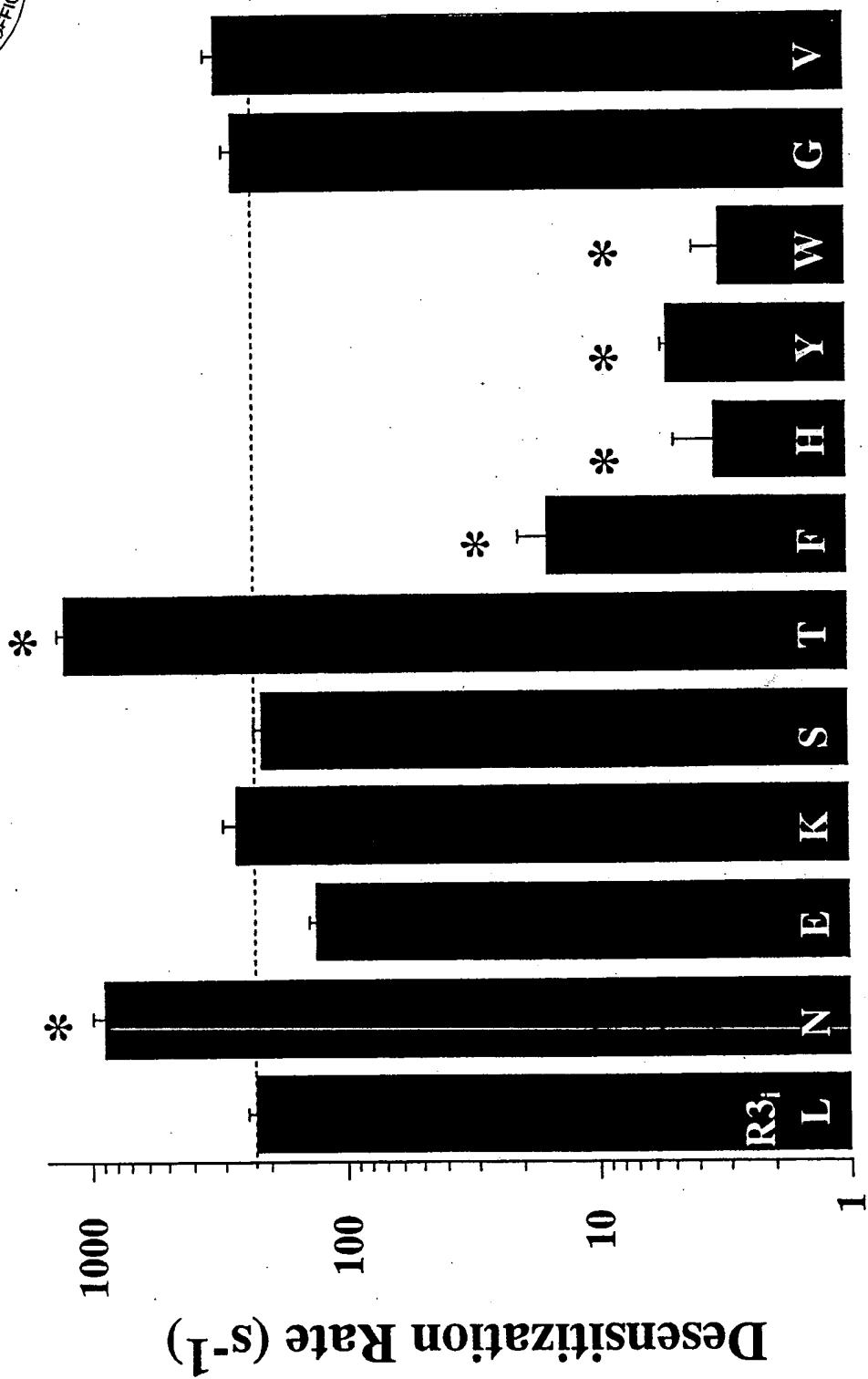


FIGURE 6C

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R3 (L507X) Mutants

FIGURE 6D

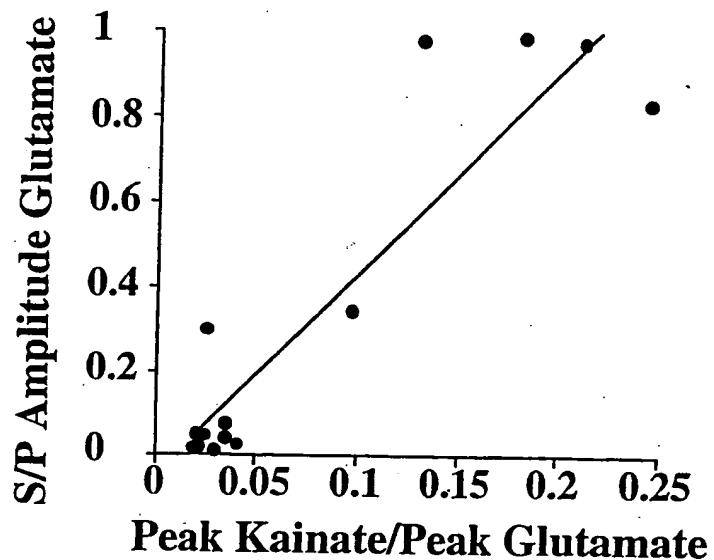


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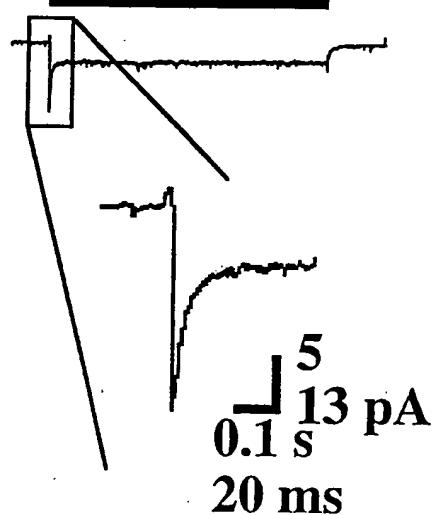
FIGURE 7A



R6TM1R3 (Y521L)

Kainate, 5 mM

FIGURE 7B





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460	S D G K Y G A R D P D T K A W N G M V G E L V Y G R A D V A	rat GluR1
467	G D G K Y G A R D A D T K I W N G M V G E L V Y G K A D I A	rat GluR2
470	G D G K Y G A R D P E T K I W N G M V G E L V Y G R A D I A	rat GluR3
468	P D G K Y G A R D A D T K I W N G M V G E L V Y G K A E I A	rat GluR4
460	S D G K Y G A R D P D T K A W N G M V G E L V Y G R A D V A	hum GluR1
467	G D G K Y G A R D A D T K I W N G M V G E L V Y G K A D I A	hum GluR2
476	G D G K Y G A R D P E T K I W N G M V G E L V Y G R A D I A	hum GluR3
468	P D G K Y G A R D A D T K I W N G M V G E L V Y G K A E I A	hum GluR4
460	S D G K Y G A R D P D T K A W N G M V G E L V Y G R A D V A	m GluR1
467	G D G K Y G A R D A D T K I W N G M V G E L V Y G K A D I A	m GluR2
490	V A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	rat GluR1
497	I A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	rat GluR2
500	V A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	rat GluR3
498	I A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	rat GluR4
490	V A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	hum GluR1
497	I A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	hum GluR2
506	V A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	hum GluR3
498	I A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	hum GluR4
490	V A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	m GluR1
497	I A P L T I T L V R E E V I D F S K P F M S L G I S I M I K	m GluR2

FIGURE 8